

FIG. I

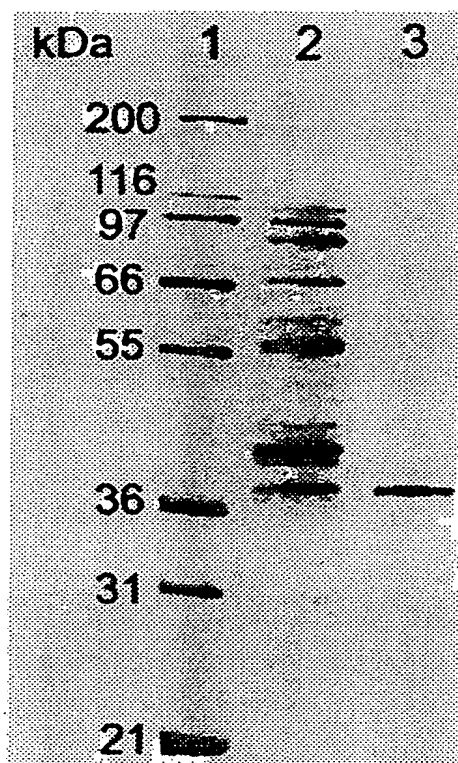


FIG. 2B

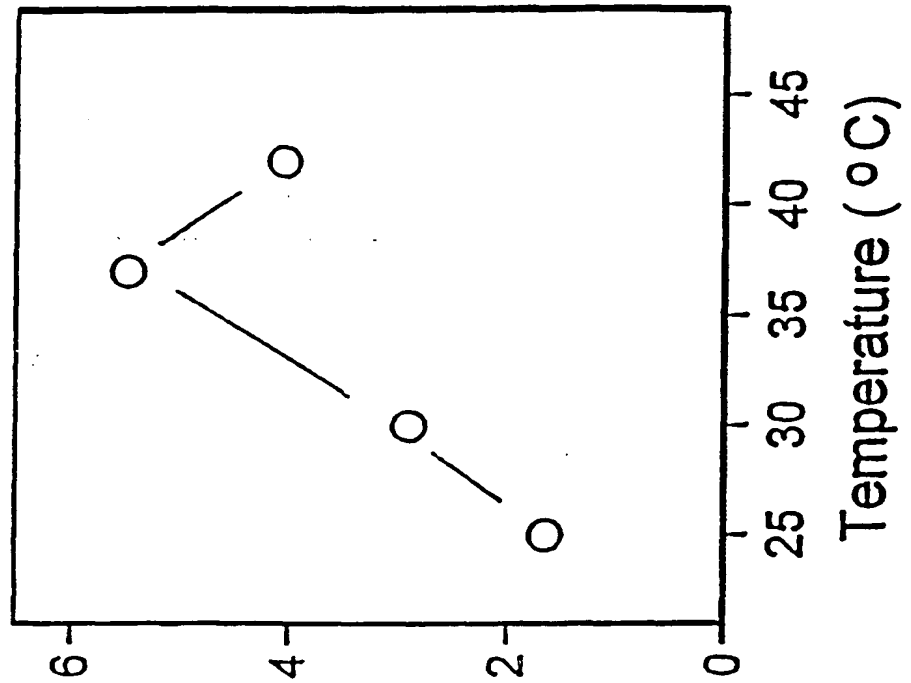
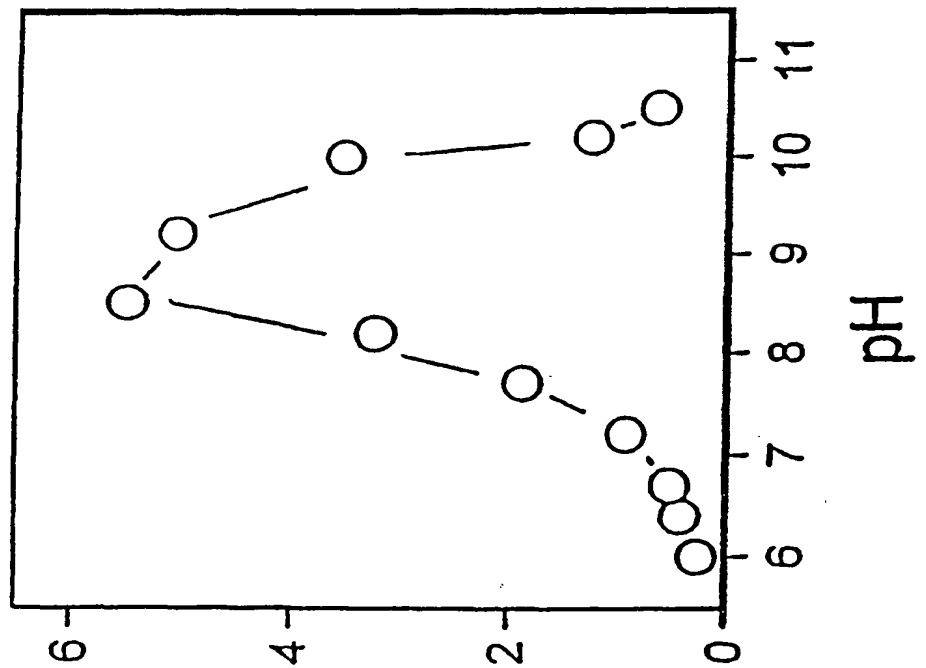


FIG. 2A



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FIG. 3

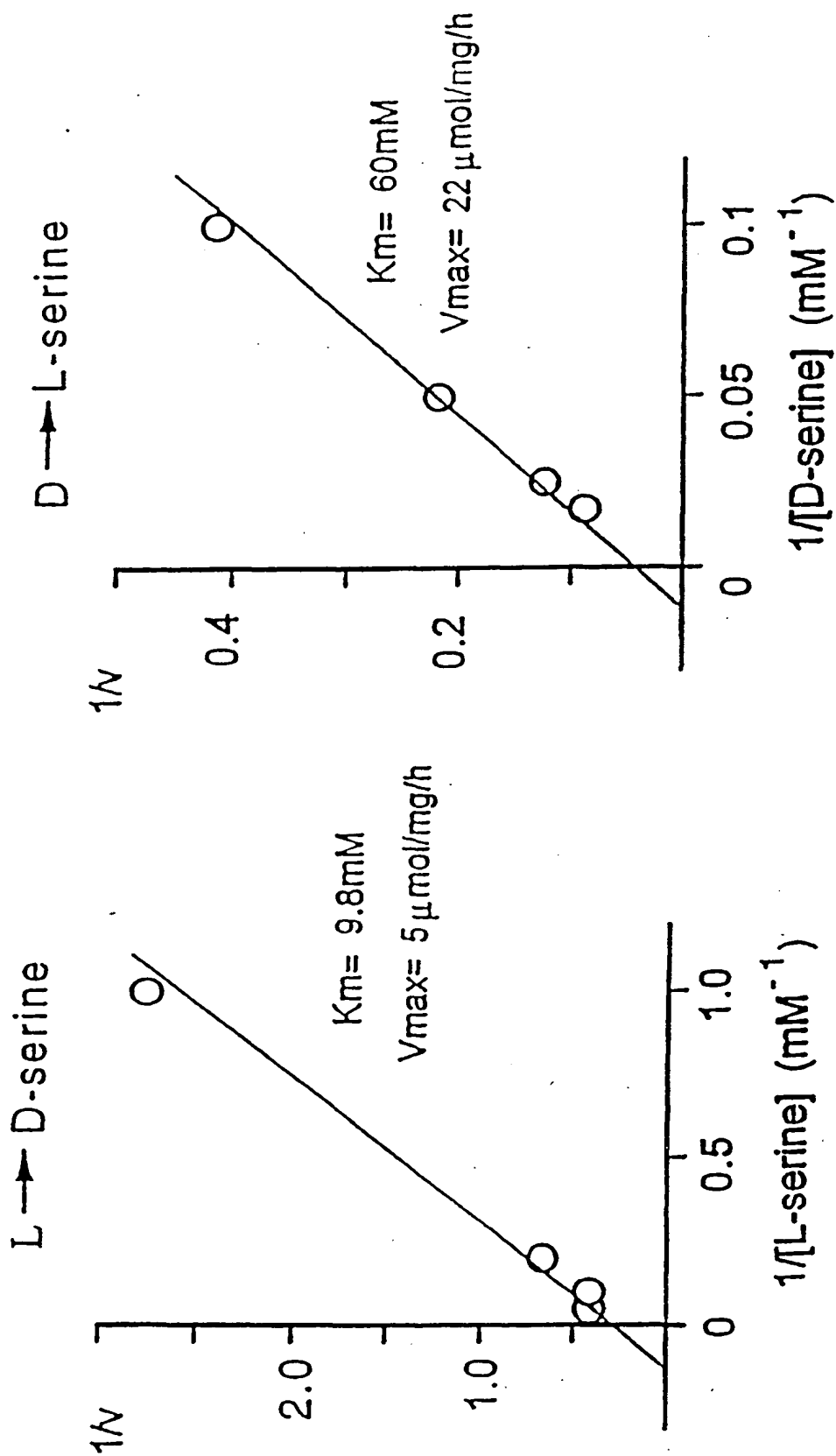


FIG. 4B

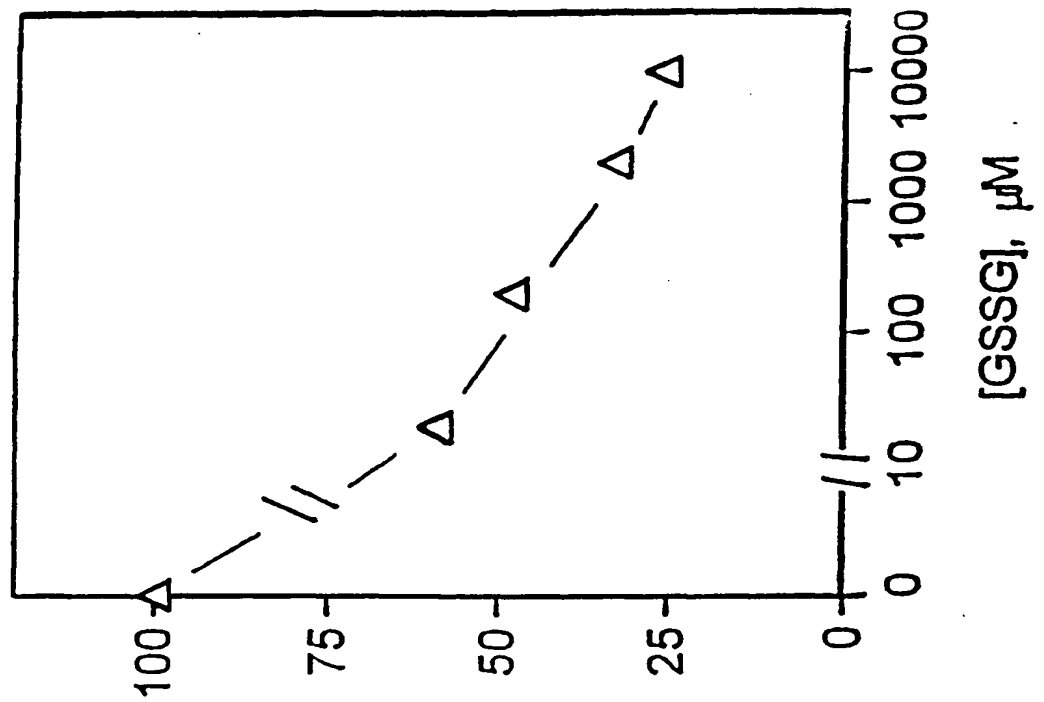


FIG. 4A

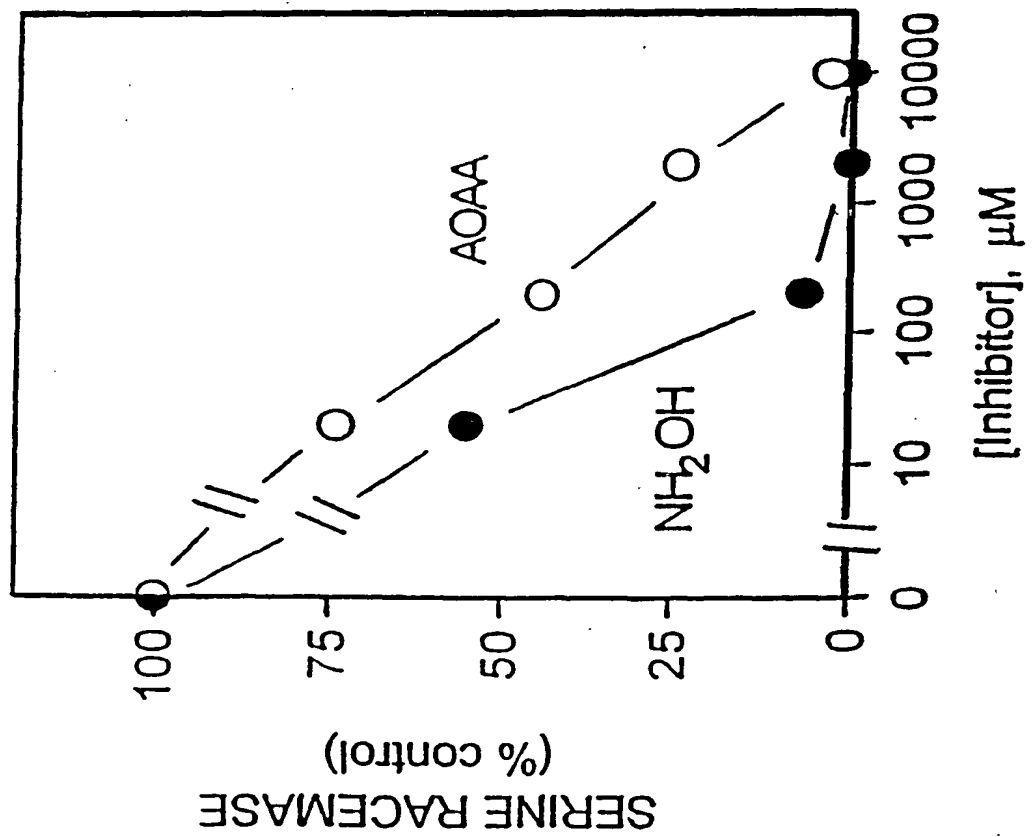
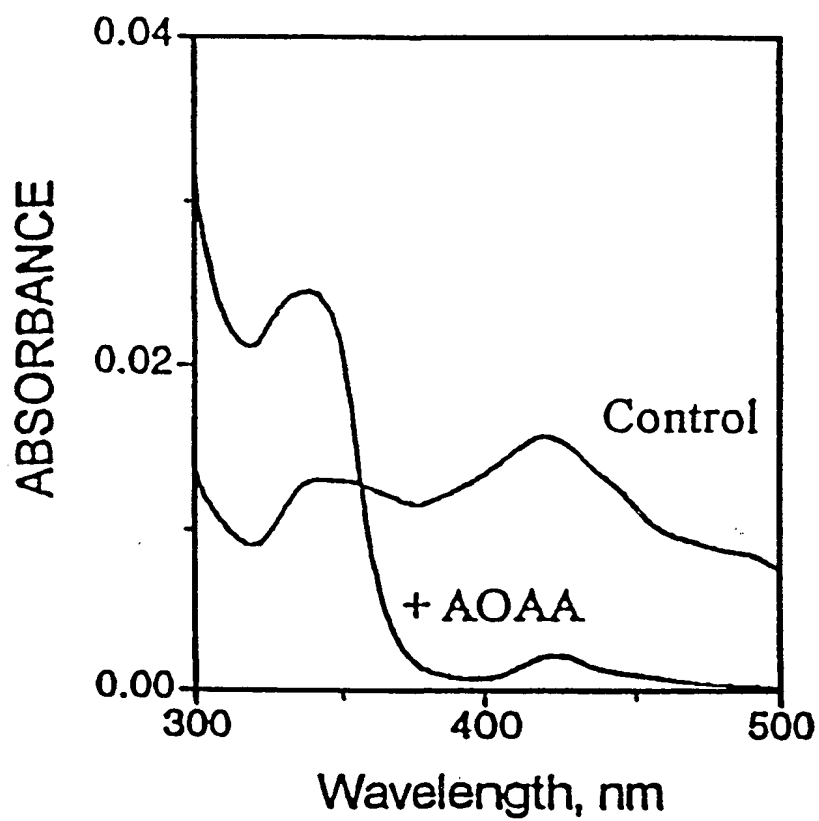


FIG. 5



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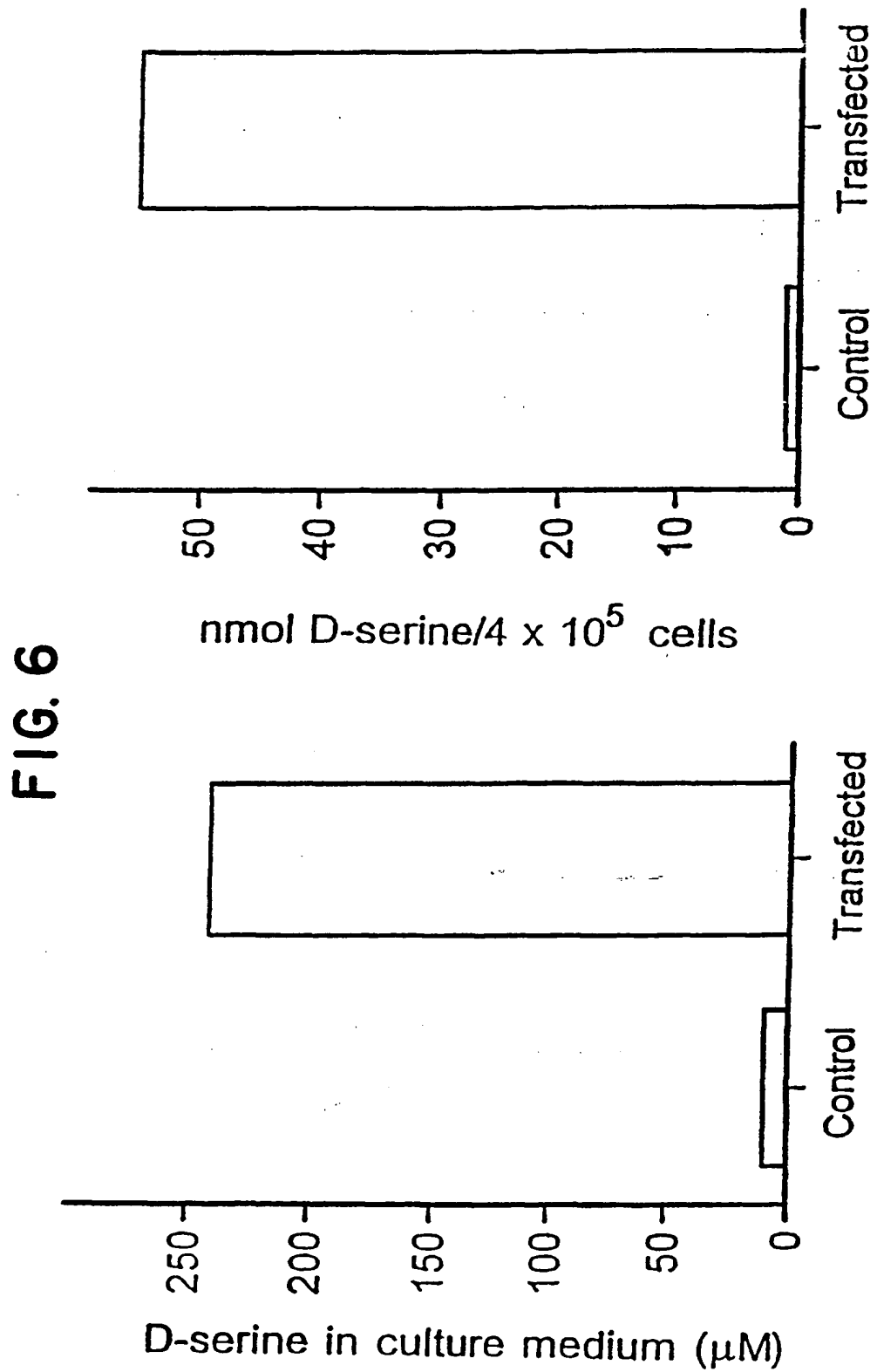


FIG. 7A

Mus musculus serine racemase gene, complete cds

Source: house mouse

Organism : Mus musculus

Eukaryota; Metazoa; Chordata; Vertebrata; Mammalia; Eutheria;

Rodentia; Sciurognathi; Muridae; Murinae; Mus.

Strain = "Balb/c"

Dev. Stage = Adult

Tissue type = brain

Gene Starts at 219 and ends 1238

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1 GACCTTACAC CCTTTGCCAC ACTGGTCCTG GGCCAAGATG GGCCAATCAA AGTCCTTACC
61 CAGAAATTTT TGAAGTGAAA TTGAGAGAGA ATCCCTCTTC AGTATGGAAG CCATAAAATG
121 TAAACACACAG GAGCTGTCAG CAGCCATGTG TCCTGCAGTA CGGAGCCAGC TGGTCTGCTG
181 TGAGAAAGGAA GCCGCCGTGC CAGAGGCAGC AGAGAACCAT GTGTGCTCAG TACTGCATCT
241 CCTTTGCTGA TGTGAAAAA GCTCATATCA ACATTCAAGA CTCTATCCAC CTCACCCCAG
301 TGCTAACAAAG CTCCATTTTG AATCAAATAG CAGGGCGCAA TCTTTTCTTC AAATGTGAGC
361 TCTTCCAGAA AACTGGGTCT TTTAAGATTC GAGGTGCCCT TAATGCCATC AGAGGCTTAA
421 TTCTTGACAC GCCAGAAGAG AAGCCCAAAG CCGTAGTTAC TCACAGCAGC GGAAACCATG
481 GCCAAGCTCT CACCTATGCT GCTAAACTGG AAGGAATTCC TGCTTACATT GTGGTTCCCC
541 AAACAGCTCC CAACTGCAAG AAACCTGGCAA TCCAAGCCTA TGGAGCATCG ATAGTATACT
601 GTGACCCAAG TGACGAGTCC AGAGAAAAGG TCACTCAAAG AATTATGCAA GAAACAGAAG
661 GCATCTTGGT CCATCCCAAC CAGGAGCCTG CAGTGATAGC TGGACAAGGA ACAATGCCC
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FIG. 7B

721 TGGAGGTGCT GAACCAGGTT CCCTTGGTAG ATGCACCTGGT GGTACCAGTA GGAGGAGGAG
781 GAATGGTTGC TGGAAATAGCC ATTACAATTA AGGCCCTGAA ACCTAGTGTG AAGGTATACG
841 CTGCTGAGCC CTCGAATGCA GATGACTGCT ACCAGTCTAA ACTGAAAGGA GAACTGACCC
901 CCAATCTTCA TCCTCCAGAA ACCATAGCAG ATGGTGTCAA ATCCAGCATT GGCTTGAATA
961 CCTGGCCTAT TATAAGAGAC CTTGTGGATG ATGTCTTCAC TGTCAACCGAA GATGAAATCA
1021 AGTATGCAAC CCAGCTGGTG TGGGGAGAA TGAAACTGCT CATGAGCCG ACTGCTGGCG
1081 TGGCACTGGC TGCAGTGTG TCTCAGCATT TCCAAACAGT CTCTCCAGAA GTAAAGAACG
1141 TCTGCATTGT ACTCAGTGGG GGAATGTAG ACCTAACCTC CCTGAACTGG GTGGGCGAGG
1201 CTGAACGGCC AGCTCCTTAC CAGACGGTTT CTGTTTAAAT TCAGGCAAGA TTGTCTCTAG
1261 ATGAAAATT TGTTCCTTCCATC TTCCCTTTAA AAATATGTT CAAAAATCCTA ATGAAGAAAG
1321 TGTAAGTAAT CATGTAAATT CTGTACTTAG CAGAGACATG GACAACTGAA ATACAGAGCA
1381 CAAGCTGCCT GGTCACAACC CAGACTCCAA CACTGGAGTT TTGGTTGGTT GCAGTAGAGA
1441 CAGAACCCTA CTGAGTCTCT TACTCCATGT CTACTTCAGA CACTGTGTA GAGATGTCAC
1501 TTTTAACCCA AGGTACTGGC TCTGGTACAT ATGGGTCATA AGTCCACTTG GGAAATACTC
1561 GCTTATAGAG ATTCAATTAAT ACTGTGTCCT GAGATTTCAG CTTTCCCCAT CAAAACCTGCA
1621 CTTTATATGG CCATGGGTAC CTAAAAGTTA AACAGATAA TTGGTCAAAA AT

Translation:="MCAQYCYISFADVEKAHINIQDSIHLPVLTSSILNQIAGRNLFFKCELFQKTGSFKIR
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SDESREKVTQIRIMQETEGILVHPNQEPAVIAGQGTIALEVNLQVPLVDALVVPVGGGMVAGIAITIKALKP
SVKVYAAEPSNADDCYQSKLKGELTPNLHPPETIADGVKSSIGLNTWPIIRDVLDDVFTVTEDEIKYATQLV
WGRMKLLIEPTAGVALAAVLSQHFQTVSPVKNVCI VLSGGNVDLTSLNWVGQAERPAPYQTVSV"